Exhibit L

Exhibit L - U.S. Patent No. 11,620,634

Claim No.

1[Pre]: A method of generating and using limited-use payment information for performing a payment transaction, the method comprising:

Apple Pay and/or Apple Wallet-Enabled Computing Device

An Apple Pay and/or Apple Wallet-enabled computing device practices a method of generating and using limited-use payment information for performing a payment transaction.



At stores and more. Apple Pay is accepted at over 85 percent of retailers in the U.S., so you can likely use it wherever and however you want. If you're not sure, just ask. Apple Pay works anywhere that takes contactless payments — from vending machines and grocery stores to taxis and subway stations.

See, e.g., Apple Pay, Apple, https://www.apple.com/apple-pay/.

When you use Apple Pay in stores

 $[\ldots]$

After you authenticate your transaction, the Secure Element provides your Device Account Number and a transaction-specific dynamic security code to the store's point of sale terminal along with additional information needed to complete the transaction. Again, neither Apple nor your device sends your actual payment card number. Before they approve the payment, your bank, card issuer, or payment network can verify your payment information by checking the dynamic security code to make sure that it's unique and tied to your device.

See, e.g., Apple Pay security and privacy overview, Apple (Oct. 8, 2024), https://support.apple.com/en-us/101554; Apple Platform Security, Payment authorization with Apple Pay, Apple (Feb. 18, 2021), https://support.apple.com/guide/security/payment-authorization-with-apple-pay-secc1f57e189/web; How to make purchases with Apple Card, Apple (Aug. 30, 2024), https://support.apple.com/en-us/104951 ("Pay with Apple Card anywhere Apple Pay is accepted, and use the titanium card or virtual card number anywhere Mastercard is accepted."); Apple Cash, Apple, https://www.apple.com/apple-cash/ ("When you make a purchase with Apple Pay, it uses a device-specific number and unique transaction code.").

Claim No.

Apple Pay and/or Apple Wallet-Enabled Computing Device

1[a]: receiving an input at an electronic device, wherein the input comprises a priming operation, and,

An Apple Pay and/or Apple Wallet-enabled device is an electronic device that receives an input wherein the input comprises a priming operation.

How to pay using Apple Pay in stores and other places

With your iPhone or Apple Watch, you can use Apple Pay in stores, restaurants, gas stations, taxis, or wherever you see the appropriate contactless payment symbols.¹

Pay with your iPhone

- 1. To use your default card:
 - If your iPhone has Face ID, double-click the side button. If prompted, authenticate with Face ID or enter your passcode to open Apple Wallet.
 - If your iPhone has Touch ID, double-click the Home button.
- To use a different card, tap your default card to see your other cards. Tap a new card and authenticate.
- Hold the top of your iPhone near the contactless reader until Done and a checkmark appear on the display.

Pay with your Apple Watch

- 1. Double-click the side button.
- Your default card opens automatically. Scroll down to choose another card.
- Hold the display of your Apple Watch near the contactless reader until you feel a gentle tap and hear a beep.





See, e.g., Make purchases using Apple Pay, Apple (Sept. 24, 2024), https://support.apple.com/en-us/102626.

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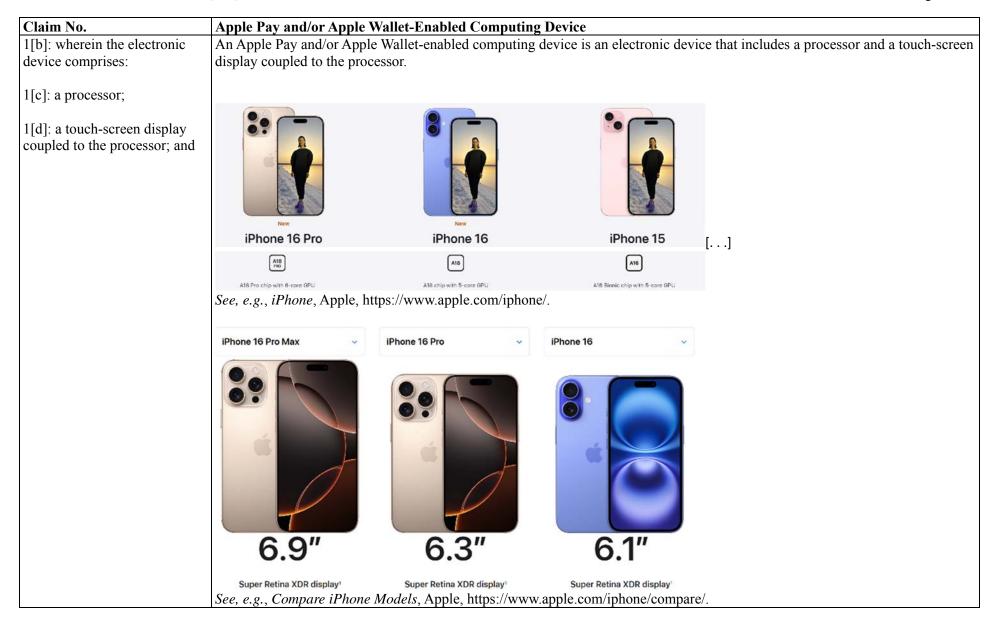
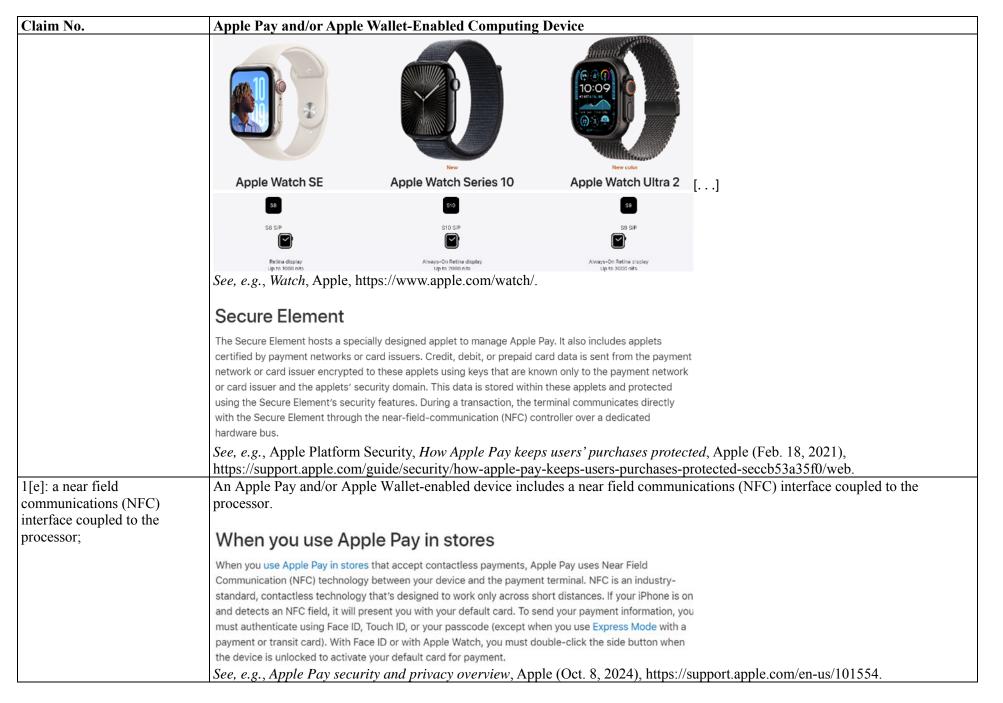


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Claim No.	Apple Pay and/or Apple Wallet-Enabled Computing Device			
	NFC controller			
	The NFC controller handles Near Field Communication protocols and routes communication between the			
	Application Processor and the Secure Element, and between the Secure Element and the point-of-sale terminal.			
	See, e.g., Apple Pay component security, Apple (May 13, 2022), https://support.apple.com/guide/security/apple-pay-component-security-sec2561eb018/web.			
1[f]: responsive to said	An Apple Pay and/or Apple Wallet-enabled device receives an input at an electronic device corresponding to a priming operation			
priming operation, readying	of the electronic device by an authorized user.			
said device to perform a				
payment transaction by an identified user;	How to pay using Apple Pay in stores and			
identified disci,	other places			
	With your iPhone or Apple Watch, you can use Apple Pay in stores, restaurants, gas stations, taxis, or wherever you see the <u>appropriate contactless payment symbols.</u> 1			
	Pay with your iPhone			
	1. To use your default card: If your iPhone has Face ID, double-click the side button. If prompted, authenticate with Face ID or enter your passcode to open Apple Wallet. If your iPhone has Touch ID, double-click the Home button. 2. To use a different card, tap your default card to see your other cards. Tap a new card and authenticate. 3. Hold the top of your iPhone near the contactless reader until Done and a checkmark appear on the display.			

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Claim No. Apple Pay and/or Apple Wallet-Enabled Computing Device Pay with your Apple Watch Hold Near Reader 1. Double-click the side button. 2. Your default card opens automatically. Scroll down to choose another card. 3. Hold the display of your Apple Watch near the contactless reader until you feel a gentle tap and hear a beep. See, e.g., Make purchases using Apple Pay, Apple (Sept. 24, 2024), https://support.apple.com/en-us/102626. An Apple Pay and/or Apple Wallet-enabled device receives a payment request for the payment transaction at said electronic 1[g]: receiving a payment request for the payment device and displays, on the touch-screen display, information reflecting the payment request, and an image representing a selected issued payment account. transaction at said electronic device; When you use Apple Pay in stores 1[h]: displaying, on the touch-When you use Apple Pay in stores that accept contactless payments, Apple Pay uses Near Field screen display, information Communication (NFC) technology between your device and the payment terminal. NFC is an industryreflecting the payment request, standard, contactless technology that's designed to work only across short distances. If your iPhone is on and an image representing a and detects an NFC field, it will present you with your default card. To send your payment information, you selected issued payment must authenticate using Face ID, Touch ID, or your passcode (except when you use Express Mode with a account; payment or transit card). With Face ID or with Apple Watch, you must double-click the side button when the device is unlocked to activate your default card for payment. See, e.g., Apple Pay security and privacy overview, Apple (Oct. 8, 2024), https://support.apple.com/en-us/101554.

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Claim No. Apple Pay and/or Apple Wallet-Enabled Computing Device

How to pay using Apple Pay in stores and other places

With your iPhone or Apple Watch, you can use Apple Pay in stores, restaurants, gas stations, taxis, or wherever you see the appropriate contactless payment symbols.¹

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- 1. To use your default card:
 - If your iPhone has Face ID, double-click the side button. If prompted, authenticate with Face ID or enter your passcode to open Apple Wallet.
 - If your iPhone has Touch ID, double-click the Home button.
- To use a different card, tap your default card to see your other cards. Tap a new card and authenticate.
- Hold the top of your iPhone near the contactless reader until Done and a checkmark appear on the display.

Pay with your Apple Watch

- 1. Double-click the side button.
- Your default card opens automatically. Scroll down to choose another card.
- Hold the display of your Apple Watch near the contactless reader until you feel a gentle tap and hear a beep.





See, e.g., Make purchases using Apple Pay, Apple (Sept. 24, 2024), https://support.apple.com/en-us/102626.

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Claim No. Apple Pay and/or Apple Wallet-Enabled Computing Device choose a different I can also come down card, including cards to this area here to See, e.g., The MacWhisperer Academy, How to Use Apple Pay, YouTube (Aug. 3, 2024), https://www.youtube.com/ watch?v=v7hJuzw8FC0. An Apple Pay and/or Apple Wallet-enabled computing device dynamically generates by a processor of the device, limited-use 1[i]: dynamically generating, payment information. wherein said limited-use payment information is dynamically generated based on a per-transaction by the processor, limited-use payment information; sequential parameter originating from the electronic device. 1[i]: wherein said limited-use When you use Apple Pay in stores $[\ldots]$ payment information is After you authenticate your transaction, the Secure Element provides your Device Account Number and a dynamically generated based transaction-specific dynamic security code to the store's point of sale terminal along with additional on a per-transaction sequential information needed to complete the transaction. Again, neither Apple nor your device sends your actual parameter originating from the payment card number. Before they approve the payment, your bank, card issuer, or payment network can electronic device; verify your payment information by checking the dynamic security code to make sure that it's unique and

tied to your device.

See, e.g., Apple Pay security and privacy overview, Apple (Apr. 12, 2024), https://support.apple.com/en-us/101554; How to make purchases with Apple Card, Apple (Aug. 30, 2024), https://support.apple.com/en-us/104951 ("Pay with Apple Card anywhere Apple Pay is accepted, and use the titanium card or virtual card number anywhere Mastercard is accepted."); Apple Cash, Apple, https://www.apple.com/apple-cash/ ("When you make a purchase with Apple Pay, it uses a device-specific number and unique transaction code.").

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Claim No.	Apple Pay and/or Apple Wallet-Enabled Computing Device
1[k]: using said limited-use payment information in connection with the payment	Using a payment cryptogram for dynamic security
	Payment transactions originating from the payment applets include a payment cryptogram along with a Device Account Number. This cryptogram, a one-time code, is computed using a transaction counter and a key. The transaction counter is incremented for each new transaction. The key is provisioned in the payment applet during personalization and is known by the payment network or the card issuer or both. Depending on the payment scheme, other data may also be used in the calculation, including:
	A Terminal Unpredictable Number, for near-field-communication (NFC) transactions
	An Apple Pay server nonce, for transactions within apps
	See, e.g., Apple Platform Security, Payment authorization with Apple Pay, Apple (Feb. 18, 2021), https://support.apple.com/guide/security/payment-authorization-with-apple-pay-secc1f57e189/web.
	An Apple Pay and/or Apple Wallet-enabled device uses said limited-use payment information in connection with the payment transaction in place of issued payment information associated with said selected issued payment account.
transaction in place of issued	When you use Apple Pay in stores
payment information	After you authenticate your transaction, the Secure Element provides your Device Account Number and a
associated with said selected	transaction-specific dynamic security code to the store's point of sale terminal along with additional
issued payment account;	information needed to complete the transaction. Again, neither Apple nor your device sends your actual
	payment card number. Before they approve the payment, your bank, card issuer, or payment network can verify your payment information by checking the dynamic security code to make sure that it's unique and
	tied to your device.
	See, e.g., Apple Pay security and privacy overview, Apple (Oct. 8, 2024), https://support.apple.com/en-us/101554; Apple
	Platform Security, Payment authorization with Apple Pay, Apple (Feb. 18, 2021), https://support.apple.com/guide/security/
	payment-authorization-with-apple-pay-secc1f57e189/web.
1[l]: transmitting said limited-	The Apple Pay and/or Apple Wallet-enabled device transmits said limited-use payment information from said electronic device
use payment information from	via said NFC interface for receipt by an NFC recipient.
said electronic device via said NFC interface for receipt by an	When you are Apple Devin stores
NFC recipient;	When you use Apple Pay in stores
THE TOTAL STATE OF THE STATE OF	When you use Apple Pay in stores that accept contactless payments, Apple Pay uses Near Field
	Communication (NFC) technology between your device and the payment terminal. NFC is an industry-
	standard, contactless technology that's designed to work only across short distances. If your iPhone is on and detects an NFC field, it will present you with your default card. To send your payment information, you
	must authenticate using Face ID, Touch ID, or your passcode (except when you use Express Mode with a
	payment or transit card). With Face ID or with Apple Watch, you must double-click the side button when
	the device is unlocked to activate your default card for payment.
	See, e.g., Apple Pay security and privacy overview, Apple (Oct. 8, 2024), https://support.apple.com/en-us/101554.

Claim No.

1[m]: responsive to the transmitting the limited-use payment information, receiving via the NFC interface information reflecting a status of said payment transaction; and displaying the status of said payment transaction via said touch-screen display.

Apple Pay and/or Apple Wallet-Enabled Computing Device

Responsive to the transmitting the limited-use payment information, an Apple Pay- and/or Apple Wallet-enabled computing device receives via the NFC interface information reflecting a status of said payment transaction; and displaying the status of said payment transaction via said touch-screen display.

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- Hold the top of your iPhone near the contactless reader until Done and a checkmark appear on the display.

Pay with your Apple Watch

- 1. Double-click the side button.
- Your default card opens automatically. Scroll down to choose another card.
- Hold the display of your Apple Watch near the contactless reader until you feel a gentle tap and hear a beep.





See, e.g., Make purchases using Apple Pay, Apple (Sept. 24, 2024), https://support.apple.com/en-us/102626.